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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/696,647

10/29/2003

Yung Chen

547 P 109

7778

26968

7590

02/10/2005

WILLIAM J. LENZ

311 S. WACKER DRIVE

53RD FLOOR

CHICAGO, IL 60606-6622

EXAMINER

LE, DANG D

ART UNIT

PAPER NUMBER

2834

DATE MAILED: 02/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/696,647

Applicant(s)

CHEN ET AL.

Examiner

Dang D. Le

Art Unit

2834

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 24 January 2005.  
2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-73 is/are pending in the application.  
4a) Of the above claim(s) 47-52 and 61-63 is/are withdrawn from consideration.  
5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
6) ☒ Claim(s) 1-46, 53-60 and 64-73 is/are rejected.  
7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☒ The specification is objected to by the Examiner.  
10) ☒ The drawing(s) filed on 29 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)  
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 2/6/04.  
4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.  
5) ☐ Notice of Informal Patent Application (PTO-152)  
6) ☐ Other: \_\_\_\_\_.

## **DETAILED ACTION**

### ***Specification***

1. The abstract of the disclosure is objected to because it contains the word "comprises" at lines 4 and 5. Correction is required. See MPEP § 608.01(b).

### ***Election/Restrictions***

2. Claims 47-52 and 61-63 withdrawn from further consideration pursuant to 37 CFR 1.142(b), as being drawn to a nonelected groups, there being no allowable generic or linking claim. Applicant timely traversed the restriction (election) requirement in the reply filed on 02/06/05.
3. Applicant's election of claims 1-46, 53-60, and 64-73 in the reply filed on 2/6/05 is acknowledged. Because applicant did not distinctly and specifically point out the supposed errors in the restriction requirement, the election has been treated as an election without traverse (MPEP § 818.03(a)).

### ***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1-36, 38-41, 43, 44, 53-60, and 64-70 are rejected under 35 U.S.C. 102(b) as being anticipated by Piper (3,926,537).

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Regarding claim 1, Piper shows an electric motor for an electric fan having a fan housing (14), the motor comprising a motor casing (52) having an insulator mounting arrangement configured for mounting the motor to the fan housing, the mounting arrangement comprising:

- A mounting portion (58) of the motor casing, and
- An insulating member (78) mounted to the mounting portion (78) of the motor casing without a separate fastener;
- The insulating member (78) configured to accept a fastener (76, 96) that can be utilized to mount the motor casing to the fan housing such that the motor casing and the fan housing are insulated from each other.

Regarding claims 2-11, it is noted that Piper also shows all of the limitations of the claimed invention including a disk-shaped base portion (82), a protrusion (86), a through hole (84), and second mounting portion (Figure 3).

Regarding claims 12-36, 43, 44, 53-60, and 64-70, the claims are similar to claims 1-11, respectively. As a result, they are also rejected.

Regarding claim 38, it is noted that the mounting surface of the base portion recited herein can be read on the curve portion (instead of base 82) contacting the housing (14). It is noted that Piper also shows all of the limitations of the claimed invention in claims 39-41.

6. Claims 1-36, 38-44, 53-60, and 64-70 are rejected under 35 U.S.C. 102(b) as being anticipated by Ishimoto et al. (5,051,636).

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Regarding claim 1, Ishimoto et al. shows an electric motor for an electric fan having a fan housing (9), the motor comprising a motor casing (4) having an insulator mounting arrangement configured for mounting the motor to the fan housing, the mounting arrangement comprising:

- A mounting portion (10) of the motor casing, and
- An insulating member (13) mounted to the mounting portion (10) of the motor casing without a separate fastener;
- The insulating member (13) configured to accept a fastener (11, 13a) that can be utilized to mount the motor casing to the fan housing such that the motor casing and the fan housing are insulated from each other.

Regarding claims 2-11, it is noted that Ishimoto et al. also shows all of the limitations of the claimed invention including a disk-shaped base portion (13c) and a protrusion (13).

Regarding claims 12-36, 43, 44, 53-60, and 64-70, the claims are similar to claims 1-11, respectively. As a result, they are also rejected.

Regarding claim 38, it is noted that the mounting surface of the base portion (13c) also contacts the housing (9). It is noted that Ishimoto et al. also shows all of the limitations of the claimed invention in claims 39-42.

7. Claims 1-46, 53-60, and 64-73 are rejected under 35 U.S.C. 102(b) as being anticipated by Jacobs et al. (5,030,068)

Regarding claim 1, Jacobs et al. shows an electric motor for an electric fan having a fan housing (12), the motor comprising a motor casing (34) having an insulator

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mounting arrangement configured for mounting the motor to the fan housing, the mounting arrangement comprising:

- A mounting portion (44) of the motor casing, and
- An insulating member (56) mounted to the mounting portion (44) of the motor casing without a separate fastener;
- The insulating member (56) configured to accept a fastener (54) that can be utilized to mount the motor casing to the fan housing such that the motor casing and the fan housing are insulated from each other.

Regarding claims 2-11, it is noted that Jacobs et al. also shows all of the limitations of the claimed invention including a disk-shaped base portion (portions on both sides of 44) and a protrusion (portion in aperture of 44).

Regarding claims 12-36, 38-44, 53-60, and 64-70, the claims are similar to claims 1-11, respectively. As a result, they are also rejected.

Regarding claims 37, 45, 46, and 71-73, it is noted that Jacobs et al. also shows four insulating members (Figure 2).

#### ***Information on How to Contact USPTO***

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dang D Le whose telephone number is (571) 272-2027. The examiner can normally be reached on Monday through Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Darren Schuberg can be reached on (571) 272-2044. The fax phone

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number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

2/6/05

A handwritten signature in black ink, appearing to read 'Dangle L. E.', is positioned above the printed name and title.

DANGLE  
PRIMARY EXAMINER